

PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

10/15/01 Attorney Docket No.

.7220801

Total Pages 105

First Inventor or Application Identifier Zerbe, et al.

Title METHOD AND APPARATUS FOR EVALUATING AND

OPTIMIZING A SIGNALING SYSTEM

Express Mail Label No. EL728113845US

| APPLICATION ELEMENTS | ADDRESS TO: | Assistant Commissioner for I | Patents | | | |
|---|---|--|----------------|-----------|--|--|
| See MPEP chapter 600 concerning utility patent application | | Box Patent Application Washington, DC 20231 | l | | | |
| contents. | | | | | | |
| 1. Fee Transmittal Form | | lucleotide and/or Amino Acid | 1 Sequence Si | ubmission | | |
| (Submit an original, and a duplicate for fee processing) | | cable, all necessary) | | | | |
| 2. Specification Total Pages 70 | | Computer Readable Copy | | | | |
| (preferred arrangement set forth below) | b. <u>L</u> | Paper Copy (identical to con | | | | |
| Descriptive title of the Invention Cross References to Related Applications | c. L_ | Statement verifying identity | of above co | pies | | |
| - Statement Regarding Fed sponsored R & D | | | | | | |
| - Reference to Microfiche Appendix | AC | COMPANYING APPLI | CATION P | ARTS | | |
| - Background of the Invention | 7. 🗖 7 | Assignment Papers (cover sheet | & document(s)) | | | |
| - Brief Summary of the Invention | | 37 CFR 3.73(b) Statement | ☐ Power | of | | |
| - Brief Description of the Drawings (if filed) | | hen there is an assignee) | Attorne | | | |
| - Detailed Description | | English Translation Documen | | - 2 | | |
| - Claim(s) - Abstract of the Disclosure | | Information Disclosure | Copies | of | | |
| 3. Drawings (35 USC 113) Total Sheets 26 | | tatement (IDS)/PTO-1449 | IDS Citati | | | |
| 4. Oath or Declaration Total Pages 2 | | Preliminary Amendment | ibo citati | 0.115 | | |
| a. Newly executed (original or copy) | | Return Receipt Postcard (MPI | ED 503) | | | |
| | 12. | Should be specifically itemize | | | | |
| b. Copy from a prior application (37 CFR 1.63(d)) | 13. | Applicant claims small enti | | | | |
| (for continuation/divisional with Box 16 completed) | 13. | See 37 CFR 1.27 | ity status. | | | |
| i. DELETION OF INVENTOR(S) | | Statement filed | in Prior Appli | cation | | |
| Signed statement attached deleting | | Status still proper a | | cation, | | |
| inventor(s) named in the prior application, | 14.□ (| Certified Copy of Priority Do | | | | |
| see 37 CFR 1.63(d)(2) and 1.33(b). | | (if foreign priority is claimed) | | | | |
| 5. Microfiche Computer Program (Appendix) | 15. 🖾 F | Request & Certification Under | | | | |
| | | (b)(2)(B)(i) | | | | |
| | 16.□ 0 | | | | | |
| | | | | | | |
| 16. If a CONTINUING APPLICATION, check approach Continuation Divisional Continuation-in-Prior Application Information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire discupplied under Box 4B, is considered a part of the disclosure of the incorporated by reference. The incorporation can only be relied unapplication parts. | part (CIP) of pri Group / Art Unit: sclosure of the prior ap the accompanying continuation | ior application No: oplication, from which an oath or nuation or divisional application | and is hereby | | | |
| 17. CORRESPO | ONDENCE ADDI | RESS | | | | |
| Customer Number or Bar Code Label 25697 | | orrespondence Address Below | | | | |
| NA Carroller Manufer of Par Code Paper 7903 1 | or, ∐ <i>Co</i> | rrespondence Address Delow | | | | |
| Ross D. Snyder Associates, Inc. 115 Wild Basin Road, Suite 107 Austin, Texas 78746 | | | | | | |
| Telephone: 512-347-9223 Facsimile: 512-347-9224 | | | | | | |
| Telephone. 312-347-3223 | racsii | IIIIC. 312-347-7224 | | | | |
| Name and Registration Ross D. Snyde | Name and Registration Ross D. Snyder, Reg. No. 37,730 | | | | | |
| Number (Print/Type) | _ | | | | | |
| `````````````````````````````````````` | 2 - | 10 5 1 | · | | | |
| Signature Ross D Sur | Date | 12 Oct 2 | 100 | | | |
| 10000 | | 1 1 2 2 7 2 | | | | |



Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 2,172.00

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

| Deposit Account Number | 50-1566 |
|------------------------|------------------|
| Deposit Account | Ross D. Snyder & |
| Name | Associates, Inc. |

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Charge the Issue Fee Set in 37 CFR 1.18 at the mailing of the Notice of Allowance

Applicant claims small entity status. See 37 CFR 1.27

2. A Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. FILING FEE

| Large Fee Code | Fee | Small E Fee Code | Fee | Fee Description | Fee Paid |
|----------------------|-----|------------------------|-----|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility filing fee | 740.00 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$) 740.00

2. CLAIMS

| Claims | Extra | Fee from below | Fee Paid |
|---------------|---------------|----------------|----------|
| Total 88 | (-20 =) 68 | 18.00 | 1,224.00 |
| Indep. 5 | (- 3 =) 2 | 84.00 | 168.00 |
| Multiple Dep. | | | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|------|--------------|------|---|
| Fee | Fee | Fee | Fee | |
| Code | (\$) | Code | (\$) | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim |
| 109 | 84 | 209 | 42 | Reissue Independent claims over original patent |
| 110 | 18 | 210 | 9 | Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 1,392.00

Complete if Known

| Application Number | |
|------------------------|---------------|
| Filing Date | |
| First Named Inventor | Zerbe, et al. |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 1726.7220801 |

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large | Entity | Sma | all Entity | Fee Description | Fee Paid |
|-------------|--------|-----|------------|---|----------|
| Fee Fee Fee | | Fee | | | |
| Code | (\$) | Cod | le (\$) | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee | |
| | | | | or cover sheet. | |
| 139 | | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for | |
| | | | _ | reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior | |
| | | | | to Examiner action | |
| 113 | 1,840 | | 113 | Requesting publication of SIR after | |
| 115 | 1,840 | | | Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first | |
| 111 | 400 | 01/ | 200 | month | |
| 116 | 400 | 216 | 200 | Extension for reply within second | |
| 117 | 920 | 217 | 460 | month Extension for reply within third | |
| ''' | 720 | 217 | TOU | month | |
| 118 | 1,440 | 210 | 720 | Extension for reply within fourth | |
| 1.10 | 1,440 | 210 | 720 | month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth | |
| 1.20 | 1,,,,, | | , , , | month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use | |
| | | | | proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | | 640_ | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional | |
| L. | | | 100 | applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure | |
| ro: | 40 | F01 | 40 | Stmt | 40.00 |
| 581 | 40 | 581 | 40 | Recording each patent assignment | 40.00 |
| | | | | per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final | |
| '** | 770 | 240 | 3/0 | rejection (37 CFR 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be | |
| ' '' | , 10 | - " | 3. 5 | examined (37 CFR 1.129(b)) | |
| Other | fee | | | , | |
| (speci | | | | | |
| Other | | | | | |
| (speci | fy) | | | | |
| | | | | | 40.00 |

Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00

| SUBMITTED BY ROSS D. SNYDER & ASSOCIATES, INC. | | | Complete (If applicable) | |
|--|---------------------------------|-----------|----------------------------|--|
| Typed or Printed Name | Ross D. Snyder, Reg. No. 37,730 | | | |
| Signature Mode | - D Snyde Date | 12 oct 01 | Deposit Account User ID | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Zerbe, et al.

Examiner:

Serial No:

Art Group:

Filing Date:

Docket No: 1726.7220801

Title: METHOD AND APPARTUS FOR EVALUATING AND OPTIMIZING A

SIGNALING SYSTEM

To the Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EL728113845US

Name of Depositor: Ross D. Snyder, Reg. No.

37730

Date of Deposit: 12 Oct 2001

I hereby certify that this paper and the items identified below are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. Section 1.10 on the 'Date of Deposit', indicated above, and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Items accompanying this Certificate of Express Mailing:

Filing papers for a new patent application, such filing papers include:

A specification and drawings for a new patent application;

A specification and drawings for a new patent application;

Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)

Transmittal cover letter;

Fee Transmittal w/Fee;

Assignment agreement with Recordation Form Cover Sheet;

Combined Declaration and Power of Attorney;

Return upon receipt post card.

PTO/SB/35 (11-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. Department of Commerce

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| REQUEST AND CERTIFICATION UNDER 35 | First Named Inventor | Zerbe, et al. |
|------------------------------------|----------------------|---|
| U.S.C. 122(b)(2)(B)(i) | Title | METHOD AND APPARATUS FOR EVALUATING AND OPTIMIZING A SIGNALING SYSTEM |
| | Atty Docket Number | 1726.7220801 |

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122 (b).

12 Oct 2001

Date

Signature

Ross D. Snyder, Reg. No. 37,730 Typed or Printed Name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published at eighteen months from the earliest claiming filing date for which a benefit is claimed.

If Applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the Applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii).